

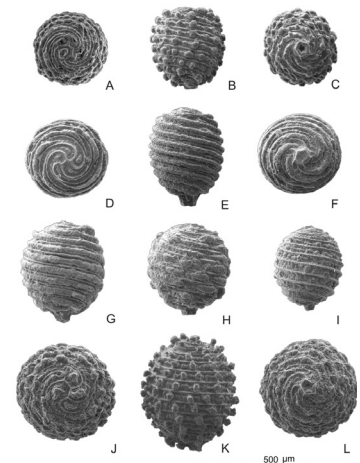
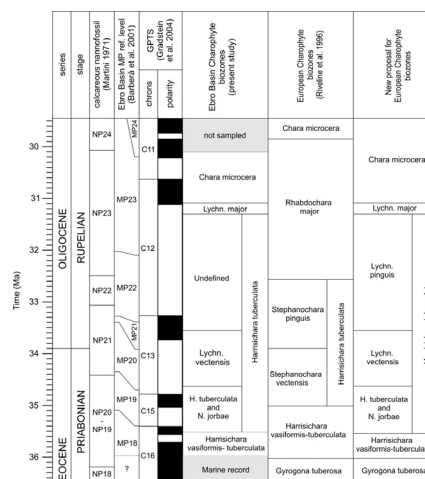
# Geowissenschaftliches Kolloquium

## *Building a biozonation for the non-marine realm: geological constraints and correlation to the GPTS*

Donnerstag, 3. Juli 2014 - 16.15 Uhr

### Carles Martín-Closas (Universitat de Barcelona)

The charophyte Cenozoic biozonation is based in up to 23 biozones, defined in the Paris-London basin and is considered of European application. Recent studies in the Eocene of the Eastern Ebro basin (NE Spain) challenged the applicability of this biozonation, since it was found to be strongly controlled by taxonomical, paleoecological, sedimentological and paleoclimatical constraints. A new proposal has been developed and calibrated to the Global Polarity Time Scale (GPTS) with magnetostratigraphy in order to characterize the Eocene-Oligocene boundary.



**Dr. Carles Martín-Closas** graduated in geology and presented his PhD thesis at the University of Barcelona (1990), where he is professor. His research is mainly devoted to biostratigraphy, paleoecology and evolution of charophytes. He published ~100 papers (~50 indexed) and supervised 5 PhD theses. He coordinates an international research group on intercontinental biostratigraphic correlations based on larger foraminifera and charophytes.



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